

Express Mail Number:  
Docket Number: 30392.00

PTO/SB/96 (06-04)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Molecular Technologies, Inc.  
Application No./Patent No.: 10/828,844 Filed/issue Date: 04/20/2004  
Entitled: Solid-State Beta Detector for Microfluidic Devices  
Molecular Technologies, Inc., a corporation of Delaware  
(Name of Assignee) (Type of Assignee, e.g. corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

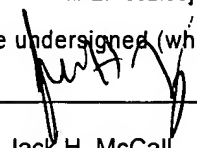
B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.  
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.  
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
\_\_\_\_\_  
Jack H. McCall

Signature

Printed or Typed Name

Secretary

Title

8/10/04  
\_\_\_\_\_  
Date

865-218-3830  
\_\_\_\_\_  
Telephone number

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## ASSIGNMENT

I, the below-identified Inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to

Molecular Technologies, Inc.,  
a corporation of Delaware,  
domiciled in Los Angeles County, CA

(hereinafter "Assignee"), its successors, assigns, and legal representatives the entire right, title and interest throughout the world in and to all subject matter invented by me and disclosed in the application for a Letters Patent in the United States executed by me on the date hereinafter indicated entitled:

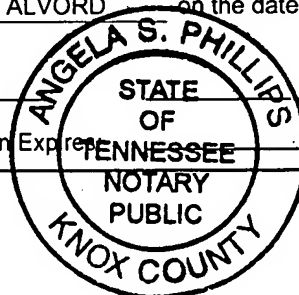
Solid-State Beta Detector for Microfluidic Devices

and in and to all patent and all foreign, convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter or improvements therein. I agree to sign all papers necessary to secure all said patent rights, and request issuance of all said patents to Assignee in accordance with this assignment.

10 AUG 04  
Date

Charles W Alvord  
Inventor  
Charles W. ALVORD  
11905 Longstreet Place  
Farragut, TN 37922  
Knox County, TN

IN THE COUNTY OF <u>Knox</u>	)	
STATE OF <u>Tennessee</u>	) ss.:	
I hereby certify that before me personally appeared <u>Charles W. ALVORD</u> , personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing instrument was duly signed, sealed and delivered by <u>Charles W. ALVORD</u> on the date appearing at the foot thereof, all of which took place within my jurisdiction.		
<u>Angela S. Phillips</u> NOTARY PUBLIC	My Commission Expires	<u>7-13-08</u> MY COMMISSION EXPIRES



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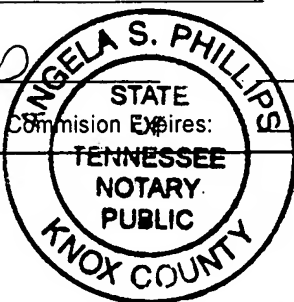
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10 AUG 2004  
Date

[Signature]  
Inventor  
Charles Russell. BUCHANAN  
9524 Continental Drive  
Knoxville, TN 37922  
Knox County, TN

IN THE COUNTY OF <u>Knox</u> )	
) ss.:	
STATE OF <u>Tennessee</u> )	
I hereby certify that before me personally appeared <u>Charles Russell. BUCHANAN</u> , personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing instrument was duly signed, sealed and delivered by <u>Charles Russell. BUCHANAN</u> on the date appearing at the foot thereof, all of which took place within my jurisdiction.	
<u>[Signature]</u> NOTARY PUBLIC	MY COMMISSION EXPIRES <u>7-13-08</u>



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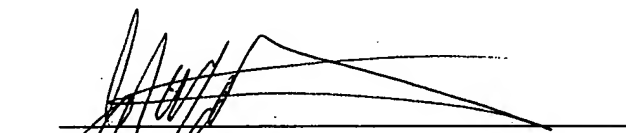
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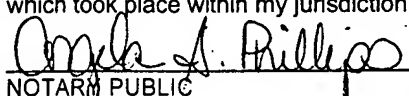
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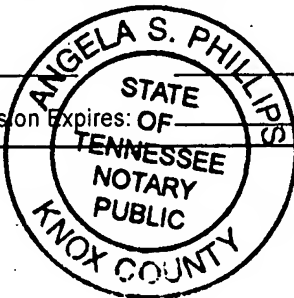
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8/12/04  
Date

  
Inventor  
Joseph C. MATTEO  
217 Fencerail Gap Road  
Walland, TN 37886  
Blount County, TN

IN THE COUNTY OF <u>Knox</u> )	
STATE OF <u>Tennessee</u> ) ss.:	
I hereby certify that before me personally appeared <u>Joseph C. MATTEO</u> , personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing instrument was duly signed, sealed and delivered by <u>Joseph C. MATTEO</u> on the date appearing at the foot thereof, all of which took place within my jurisdiction.	
 NOTARY PUBLIC	<p>My Commission Expires: <u>OF</u></p> <p>MY COMMISSION EXPIRES <u>7-13-08</u></p>



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Date

8/13/04

Inventor

Henry Clifton. PADGETT  
1225 14th Street  
Hermosa Beach, CA 90254  
Los Angeles County, CA



IN THE COUNTY OF LOS ANGELES

STATE OF CALIFORNIA ) ss.:

I hereby certify that before me personally appeared Henry Clifton. PADGETT, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing instrument was duly signed, sealed and delivered by Henry Clifton. PADGETT on the date appearing at the foot thereof, all of which took place within my jurisdiction.

NOTARY PUBLIC

My Commission Expires:

AUGUST 13<sup>th</sup> 2004  
CHARANJIT K. SINGH.  
JUN 19<sup>th</sup> 2004

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Date

8/17/2004

Inventor

Thomas Lee. COLLIER  
88 Swan Court  
Paramus, NJ 07652  
Bergen County, NJ

IN THE COUNTY OF

STATE OF

I hereby certify that before me personally appeared Thomas Lee. COLLIER, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing instrument was duly signed, sealed and delivered by Thomas Lee. COLLIER on the date appearing at the foot thereof, all of which took place within my jurisdiction.

NOTARY PUBLIC

My Commission Expires:

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

Kathleen J. Brant, Notary Public,  
Montgomery Twp., Montgomery County  
My Commission Expires Nov. 22, 2004  
Member, Pennsylvania Association of Notaries